

REMARKS

Claims 1–7 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Asami et al., U.S. Patent No. 6,036,100, (hereinafter “Asami”) in view of Commercial (WO99/23550, U.S. Patent No. 6,036,100). Claims 1-7 are in the application. Applicants respectfully submit that the pending claims, as amended, are patentable for at least the following reasons.

Claim 1 is directed to a data carrier comprising a data processing unit having a plurality of asynchronously operating logic components; and at least one contactless interface configured to enable coupling to a read/write apparatus in order to receive electrical energy for operation of the data processing unit, wherein selected asynchronously operating logic components are activated in response to a request signal in a coordinated manner using the received electrical energy, and wherein energy required by the data processing unit is adapted to the received electrical energy.

Asami, as read by the applicants, relates to a noncontact IC which transmits and receives data to and from a host computer using RF signals has a buffer for storing received data temporarily and a control circuit for controlling operation of the buffer main memory thereof, wherein the control circuit starts processing data stored in the buffer only when no further data is input after a predetermined data receiving time period has elapsed from the latest data input to the buffer.

Commercial, as read by the applicants, relates to a microprocessor comprising a means for concatenating bits

Asami and Commercial, fail, either alone or in combination, to teach, show or disclose that selected asynchronously operating logic components are activated in response to a request signal in a coordinated manner using the received electrical energy,

and wherein energy required by the data processing unit is adapted to the received electrical energy, as specifically recited in amended independent claim 1.

Since Asami and Commercial do not teach, show or suggest all of the features of amended independent claim 1, as recited above, applicant respectfully submits that this claim is patentable over these references.

The other claims in this application are each dependent from the independent claim discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration of the patentability of each on its own merits is respectfully requested.

The applicants submit that the claims, as amended, fully satisfy the requirements of 35 U.S.C. 103.

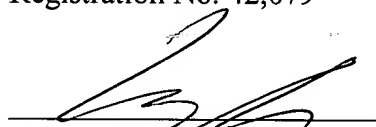
For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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Date:

10/20/03

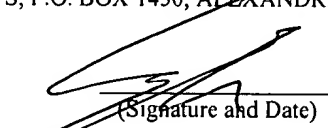

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